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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/085,239A

DATE: 09/18/2002
TIME: 15:41:15

Input Set : A:\00085683.txt
Output Set: N:\CRF4\09182002\J085239A.raw

3 <110> APPLICANT: University of Sheffield
4 Ward, Simon
5 Bavik, Claes
6 Cork, Michael
7 Tazi-aahnini, Rachid
9 <120> TITLE OF INVENTION: Treatment of Hyperproliferative Diseases
11 <130> FILE REFERENCE: 674569-2001
13 <140> CURRENT APPLICATION NUMBER: 10/085,239A
C--> 14 <141> CURRENT FILING DATE: 2002-09-06
16 <160> NUMBER OF SEQ ID NOS: 23
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 17
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Example of retinoic response element found in humans and/or
mice
28 <220> FEATURE:
29 <221> NAME/KEY: misc_feature
30 <222> LOCATION: (7)..(7)
31 <223> OTHER INFORMATION: "n" can be a,t,g, or c
34 <220> FEATURE:
35 <221> NAME/KEY: misc_feature
36 <222> LOCATION: (8)..(8)
37 <223> OTHER INFORMATION: "n" can be a,t,g, or c
40 <220> FEATURE:
41 <221> NAME/KEY: misc_feature
42 <222> LOCATION: (9)..(9)
43 <223> OTHER INFORMATION: "n" can be a,t,g, or c
46 <220> FEATURE:
47 <221> NAME/KEY: misc_feature
48 <222> LOCATION: (10)..(10)
49 <223> OTHER INFORMATION: "n" can be a,t,g or c
52 <220> FEATURE:
53 <221> NAME/KEY: misc_feature
54 <222> LOCATION: (11)..(11)
55 <223> OTHER INFORMATION: "n" can be a,t,g, or c
58 <400> SEQUENCE: 1
59 aggtcannnn naggtca
62 <210> SEQ ID NO: 2
63 <211> LENGTH: 14
64 <212> TYPE: DNA
65 <213> ORGANISM: Unknown

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67 <220> FEATURE:
68 <223> OTHER INFORMATION: Example of DR-2 retinoic response element found in humans
and/or

69 mice
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: (7)..(7)
74 <223> OTHER INFORMATION: "n" can be a,t,g, or c
77 <220> FEATURE:
78 <221> NAME/KEY: misc_feature
79 <222> LOCATION: (8)..(8)
80 <223> OTHER INFORMATION: "n" can be a,t,g, or c

83 <400> SEQUENCE: 2

W/K 84 aggtcannag gtca

14

87 <210> SEQ ID NO: 3

88 <211> LENGTH: 15

89 <212> TYPE: DNA

90 <213> ORGANISM: Unknown

92 <220> FEATURE:

93 <223> OTHER INFORMATION: example of consensus vitamin D response element found in
humans a

94 nd/or mice

96 <220> FEATURE:

97 <221> NAME/KEY: misc_feature

98 <222> LOCATION: (7)..(7)

99 <223> OTHER INFORMATION: "n" can be a,t,g or c

102 <220> FEATURE:

103 <221> NAME/KEY: misc_feature

104 <222> LOCATION: (8)..(8)

105 <223> OTHER INFORMATION: "n" can be a,t,g or c

108 <400> SEQUENCE: 3

W/K 109 gggtganngg gggca

15

112 <210> SEQ ID NO: 4

113 <211> LENGTH: 15

114 <212> TYPE: DNA

115 <213> ORGANISM: Unknown

117 <220> FEATURE:

118 <223> OTHER INFORMATION: example of vitamin D response element found in humans and/or
mice

120 <220> FEATURE:

121 <221> NAME/KEY: misc_feature

122 <222> LOCATION: (7)..(7)

123 <223> OTHER INFORMATION: "n" can be a,t,g, or c

126 <220> FEATURE:

127 <221> NAME/KEY: misc_feature

128 <222> LOCATION: (8)..(8)

129 <223> OTHER INFORMATION: "n" can be a,t,g, or c

132 <220> FEATURE:

133 <221> NAME/KEY: misc_feature

134 <222> LOCATION: (9)..(9)

135 <223> OTHER INFORMATION: "n" can be a,t,g, or c

138 <400> SEQUENCE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/085,239A

DATE: 09/18/2002
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Input Set : A:\00085683.txt
Output Set: N:\CRF4\09182002\J085239A.raw

WV-> 139 aggtcannna ggtca	15
142 <210> SEQ ID NO: 5	
143 <211> LENGTH: 13	
144 <212> TYPE: DNA	
145 <213> ORGANISM: Unknown	
147 <220> FEATURE:	
148 <223> OTHER INFORMATION: example of Peroxisome Proliferator-Activated Receptor Response E	
149 element found in humans and/or mice	
151 <220> FEATURE:	
152 <221> NAME/KEY: misc_feature	
153 <222> LOCATION: (6)..(6)	
154 <223> OTHER INFORMATION: "n" can be a,t,g, or c	
157 <400> SEQUENCE: 5	
WV-> 158 aggtcnaagg tca	13
161 <210> SEQ ID NO: 6	
162 <211> LENGTH: 16	
163 <212> TYPE: DNA	
164 <213> ORGANISM: Unknown	
166 <220> FEATURE:	
167 <223> OTHER INFORMATION: example of thyroid response element found in humans and/or mice	
169 <220> FEATURE:	
170 <221> NAME/KEY: misc_feature	
171 <222> LOCATION: (7)..(7)	
172 <223> OTHER INFORMATION: "n" can be a,t,g or c	
175 <220> FEATURE:	
176 <221> NAME/KEY: misc_feature	
177 <222> LOCATION: (8)..(8)	
178 <223> OTHER INFORMATION: "n" can be a,t,g or c	
181 <220> FEATURE:	
182 <221> NAME/KEY: misc_feature	
183 <222> LOCATION: (9)..(9)	
184 <223> OTHER INFORMATION: "n" can be a,t,g or c	
187 <220> FEATURE:	
188 <221> NAME/KEY: misc_feature	
189 <222> LOCATION: (10)..(10)	
190 <223> OTHER INFORMATION: "n" can be a,t,g or c	
193 <400> SEQUENCE: 6	
WV-> 194 aggtcannnn aggtca	16
197 <210> SEQ ID NO: 7	
198 <211> LENGTH: 13	
199 <212> TYPE: DNA	
200 <213> ORGANISM: chicken	
202 <220> FEATURE:	
203 <221> NAME/KEY: misc_feature	
204 <222> LOCATION: (7)..(7)	
205 <223> OTHER INFORMATION: "n" can be a,t,g, or c	
208 <400> SEQUENCE: 7	
WV-> 209 aggtcanagg tca	13
212 <210> SEQ ID NO: 8	

RAW SEQUENCE LISTING DATE: 09/18/2002
 PATENT APPLICATION: US/10/085,239A TIME: 15:41:15

Input Set : A:\00085683.txt
 Output Set: N:\CRF4\09182002\J085239A.raw

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213 <211> LENGTH: 9
214 <212> TYPE: DNA
215 <213> ORGANISM: homo sapiens
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (2)..(2)
220 <223> OTHER INFORMATION: "n" can be a,t,g, or c
223 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (9)..(9)
226 <223> OTHER INFORMATION: "h" can be a, c or t/u
229 <220> FEATURE:
230 <221> NAME/KEY: misc_feature
231 <222> LOCATION: (7)..(7)
232 <223> OTHER INFORMATION: "h" can be a, c or t/u
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (1)..(1)
238 <223> OTHER INFORMATION: "v" can be a, g or c
241 <220> FEATURE:
242 <221> NAME/KEY: misc_feature
243 <222> LOCATION: (8)..(8)
244 <223> OTHER INFORMATION: "n" can be a,t,g, or c
247 <400> SEQUENCE: 8
  248 vngatahn 9
251 <210> SEQ ID NO: 9
252 <211> LENGTH: 22
253 <212> TYPE: DNA
254 <213> ORGANISM: homo sapiens
256 <400> SEQUENCE: 9
257 gcatcattgc tgaggtcaag gc 22
260 <210> SEQ ID NO: 10
261 <211> LENGTH: 18
262 <212> TYPE: DNA
263 <213> ORGANISM: homo sapiens
265 <400> SEQUENCE: 10
266 cgataccaaag acctccac 18
269 <210> SEQ ID NO: 11
270 <211> LENGTH: 13
271 <212> TYPE: PRT
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Peptide 589 synthesised to mimic the proposed binding
regions of
276      RBP to its receptor
278 <400> SEQUENCE: 11
280 Gly Arg Val Arg Leu Leu Asn Asn Trp Asp Val Cys Ala
281 1           5             10
284 <210> SEQ ID NO: 12
285 <211> LENGTH: 15

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Input Set : A:\00085683.txt
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286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Peptide 592 synthesised to mimic the proposed binding regions of
291 RBP to its receptor
293 <400> SEQUENCE: 12
295 Met Lys Tyr Trp Gly Val Ala Ser Phe Leu Gln Lys Gly Asn Asp
296 1 5 10 15
299 <210> SEQ ID NO: 13
300 <211> LENGTH: 18
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Primer sense 726-743 used to make probe against K10
307 <400> SEQUENCE: 13
308 tggaggctga catcaacg 18
311 <210> SEQ ID NO: 14
312 <211> LENGTH: 22
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Primer antisense 1257-1278 used to make probe against K10
319 <400> SEQUENCE: 14
320 tattcagttat tctggcactc gg 22
323 <210> SEQ ID NO: 15
324 <211> LENGTH: 22
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Primer sense 195-217 used to make probe against K10
331 <400> SEQUENCE: 15
332 caggtggcta tggaggatta gg 22
335 <210> SEQ ID NO: 16
336 <211> LENGTH: 22
337 <212> TYPE: DNA
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Primer antisense 687-708 used to make probe against K10
343 <400> SEQUENCE: 16
344 acctcattct catacttcag cc 22
347 <210> SEQ ID NO: 17
348 <211> LENGTH: 22
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Primer sense 1046-1067 used to make probe against K1
355 <400> SEQUENCE: 17
356 gcatcattgc tgaggtaag gc 22
359 <210> SEQ ID NO: 18

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/085,239A

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 7,8,9,10,11
Seq#:2; N Pos. 7,8
Seq#:3; N Pos. 7,8
Seq#:4; N Pos. 7,8,9
Seq#:5; N Pos. 6
Seq#:6; N Pos. 7,8,9,10
Seq#:7; N Pos. 7
Seq#:8; N Pos. 2,8